

VANM143.001APC



SEQUENCE LISTING

<110> UNIVERSITE CATHOLIQUE DE LOUVAIN

UNIVERSITE DE MONS-HAINAUT

<120> PEROXISOME-ASSOCIATED PEPTIDE, NUCLEOTIDE SEQUENCE ENCODING SAID PEPTIDE AND THEIR USES IN THE DIAGNOSTIC AND/OR THE TREATMENT OF LUNG INJURIES AND DISEASES? AND OF OXIDATIVE STRESS-RELATED DISORDERS

<130> VANM143.001A

<140> US 09/486,167

<141> 2000-08-15

<160> b4

<170> PatentIn version 3.0

<210> 1

<211> 805

<212> DNA

<213> Homo sapiens

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<221> CDS

<222> (193)..(681)

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 gcagcaagac ggtgcagtga aggagagtgg gcgtctggcg gggtccgcag tttcagcaga
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 gcccgtgcag cc atg gcc cca atc aag gtg gga gat gcc atc cca gca gtg
 231
 Met Ala Pro Ile Lys Val Gly Asp Ala Ile Pro Ala Val
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 gag gtg ttt gaa ggg gag cca ggg aac aag gtg aac ctg gca gag ctg
 279
 Glu Val Phe Glu Gly Glu Pro Gly Asn Lys Val Asn Leu Ala Glu Leu
 15 20 25
 ttc aag ggc aag aag ggt gtg ctg ttt gga gtt cct ggg gcc ttc acc
 327
 Phe Lys Gly Lys Gly Val Leu Phe Gly Val Pro Gly Ala Phe Thr
 30 35 40 45
 cct gga tgt tcc aag aca cac ctg cca ggg ttt gtg gag cag gct gag
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 Pro Gly Cys Ser Lys Thr His Leu Pro Gly Phe Val Glu Gln Ala Glu
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 gct ctg aag gcc aag gga gtc cag gtg gtg gcc tgt ctg agt gtt aat
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 Ala Leu Lys Ala Lys Gly Val Gln Val Val Ala Cys Leu Ser Val Asn
 65 70 75

gat gcc ttt gtg act ggc gag tgg ggc cga gcc cac aag gcg gaa ggc
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 Asp Ala Phe Val Thr Gly Glu Trp Gly Arg Ala His Lys Ala Glu Gly

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85

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 Asp Leu Leu Leu Asp Asp Ser Leu Val Ser Ile Phe Gly Asn Arg Arg

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 Leu Lys Arg Phe Ser Met Val Val Gln Asp Gly Ile Val Lys Ala Leu

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 Ile Ile Ser Gln Leu

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Ser	Lys	Thr	His	Leu	Pro	Gly	Phe	Val	Glu	Gln	Ala	Glu	Ala	Leu	Lys
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Leu	Leu	Ala	Asp	Pro	Thr	Gly	Ala	Phe	Gly	Lys	Glu	Thr	Asp	Leu	Leu
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Leu	Asp	Asp	Ser	Leu	Val	Ser	Ile	Phe	Gly	Asn	Arg	Arg	Leu	Lys	Arg
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Phe	Ser	Met	Val	Val	Gln	Asp	Gly	Ile	Val	Lys	Ala	Leu	Asn	Val	Glu
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agtgccgcgg tgact atg gcc ccg atc aag gtg gga gac acc att ccc tca
171

Met Ala Pro Ile Lys Val Gly Asp Thr Ile Pro Ser

1

5

10

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219

Val Glu Val Phe Xaa Gly Glu Pro Gly Lys Lys Val Asn Leu Ala Glu

15

20

25

ctg ttc aag gac aag aaa ggt gtt ttg ttt gga gtc cct ggg gca ttt
267

Leu Phe Lys Asp Lys Lys Gly Val Leu Phe Gly Val Pro Gly Ala Phe

30

35

40

aca cct ggc tgt tcc aag acc cat ctg cct ggg ttt gtg gag caa gcc
315

Thr Pro Gly Cys Ser Lys Thr His Leu Pro Gly Phe Val Glu Gln Ala

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50

55

60

gga gct cyg aag gcc aag gga gca caa gtg gtg gcc tgt ctg agt gtt
363

Gly Ala Xaa Lys Ala Lys Gly Ala Gln Val Val Ala Cys Leu Ser Val

65

70

75

aat gat gyc ttc gtg act gca gag tgg ggt cga gcc cac cag gca gaa
411

Asn Asp Xaa Phe Val Thr Ala Glu Trp Gly Arg Ala His Gln Ala Glu

80

85

90

ggc aag gtt cag ctc ctg gct gac ccc act gga gct ttt gga aag gag
459

Gly Lys Val Gln Leu Leu Ala Asp Pro Thr Gly Ala Phe Gly Lys Glu

95

100

105

aca gat tta cta cta gat gat tct ttg gtg tct ctc ttt ggg aat cgt
507

Thr Asp Leu Leu Leu Asp Asp Ser Leu Val Ser Leu Phe Gly Asn Arg

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115

120

cgg cta aaa agg ttc tcc atg gtg ata gac aag ggc gta gta aag gca
555

Arg Leu Lys Arg Phe Ser Met Val Ile Asp Lys Gly Val Val Lys Ala

125

130

135

140

ctg aac gtg gag ccg gat ggc aca ggc ctc acc tgc agc ctg gcc ccc
603

Leu Asn Val Glu Pro Asp Gly Thr Gly Leu Thr Cys Ser Leu Ala Pro

145

150

155

aac atc ctc tca caa ctc tga ggccctgacc agaatgtcct ctgactctcc
654

Asn Ile Leu Ser Gln Leu

160

catctcctcc acccagctct gggccaaagg cccagtagct ccttacctga gggccactgg

714

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<213> Rattus rattus

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<223> Glu or Gly

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Lys Lys Gly Val Leu Phe Gly Val Pro Gly Ala Phe Thr Pro Gly Cys
 35 40 45

Ser Lys Thr His Leu Pro Gly Phe Val Glu Gln Ala Gly Ala Xaa Lys
 50 55 60

Ala Lys Gly Ala Gln Val Val Ala Cys Leu Ser Val Asn Asp Xaa Phe
 65 70 75 80

1/
Cont
 Val Thr Ala Glu Trp Gly Arg Ala His Gln Ala Glu Gly Lys Val Gln
 85 90 95

Leu Leu Ala Asp Pro Thr Gly Ala Phe Gly Lys Glu Thr Asp Leu Leu
 100 105 110

Leu Asp Asp Ser Leu Val Ser Leu Phe Gly Asn Arg Arg Leu Lys Arg
 115 120 125

Phe Ser Met Val Ile Asp Lys Gly Val Val Lys Ala Leu Asn Val Glu
 130 135 140

Pro Asp Gly Thr Gly Leu Thr Cys Ser Leu Ala Pro Asn Ile Leu Ser
 145 150 155 160

Gln Leu